## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

28395

7590

11/14/2007

BROOKS KUSHMAN P.C./FGTL 1000 TOWN CENTER 22ND FLOOR SOUTHFIELD, MI 48075-1238 EXAMINER

NORMAN, MARC E

PAPER NUMBER

3727

ART UNIT

**DATE MAILED: 11/14/2007** 

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.

10/709,728

05/25/2004

Hsiao-An Hsieh

81096756 / FMC 1671 PUS

TITLE OF INVENTION: METHOD AND SYSTEM FOR ASSESSING A REFRIGERANT CHARGE LEVEL IN A VEHICLE AIR CONDITIONING

**SYSTEM** 

IIII.

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	02/14/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

MIPART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notifica	tions.		Note	e: A certificate of m	ailing can only be used for	or domestic mailings of the	
				Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
28395	7590 11/14	/2007	nave				
1000 TOWN CE 22ND FLOOR		ΓL	I he Stat addı tran	reby certify that this es Postal Service wit ressed to the Mail smitted to the USPTC	Finance of Mailing or Trans Fec(s) Transmittal is bein the sufficient postage for fir Stop ISSUE FEE address (ST) 273-2885, on the Co	smission g deposited with the United sts class mail in an envelope above, or being facsimile date indicated below.	
SOUTHFIELD,	MI 48075-1238					(Depositor's name)	
14						(Signature)	
1						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	F	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/709,728	05/25/2004		Hsiao-An Hsieh	81	1096756 / FMC 1671 PUS	3727	
TITLE OF INVENTION SYSTEM  APPLN. TYPE  nonprovisional	N: METHOD AND SYS	STEM FOR ASSESSING	G A REFRIGERANT CHA	ARGE LEVEL IN A	VEHICLE AIR CONDI	TIONING	
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE I	FEE TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1440	\$300	\$0	\$1740	02/14/2008	
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
NORMAN		3744	062-126000				
1. Change of corresponde CFR 1.363).	ence address or indication	n of "Fee Address" (37	2. For printing on the p		1		
Change of corresponded	ondence address (or Cha 3/122) attached.	nge of Correspondence	(1) the names of up to or agents OR, alternativ	ely,	•		
"Fee Address" indi	ication (or "Fee Address' 2 or more recent) attach	" Indication form	(2) the name of a single registered attorney or a 2 registered patent attorney on a listed, no name will be	gent) and the names meys or agents. If no	of up to		
E.			THE PATENT (print or typ	,			
recordation as set forth	ess an assignce is identi in 37 CFR 3.11. Comp	ified below, no assignee pletion of this form is NO	data will appear on the part of the part o	atent. If an assignee assignment.	is identified below, the d	document has been filed for	
(A) NAME OF ASSIC	GNEE		(B) RESIDENCE: (CITY	and STATE OR CO	UNTRY)	,	
						·	
habitaita	ate assignee category or	categories (will not be pr	rinted on the patent):	Individual Corp	oration or other private gre	oup entity Government	
The following fee(s) a	are submitted:	41	o. Payment of Fee(s): (Plea	se first reapply any	nreviously naid issue fee	shown above)	
□ Issue Fee			☐ A check is enclosed.			shown above,	
			Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fec(s), any deficiency, or credit any				
Advance Order - #	of Copies		overpayment, to Depor	sit Account Number	the required fee(s), any do	in extra copy of this form).	
5. Change in Entity Stat	tus (from status indicated s SMALL ENTITY statu		Dh. A				
NOTE: The Issue Fee and	Publication Fee (if requ	uired) will not be accepte	d from anyone other than the		ENTITY status. See 37 C	he assignce or other party in	
interest as shown by the r	ecords of the United Sta	tes Patent and Trademark	Office.				
Authorized Signature				Date			
Typed or printed name							
This collection of informan application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, Virginia 223 Under the Paperwork Red	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this bouringinia 22313-1450. DO 13-1450. luction Act of 1995, no particular is provided in the control of the	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR ( persons are required to res	on is required to obtain or r 1.14. This collection is est depending upon the indive c Chief Information Office COMPLETED FORMS TO spond to a collection of info	etain a benefit by the imated to take 12 mindual case. Any com r, U.S. Patent and Tr O'THIS ADDRESS. Sommation unless it dis	public which is to file (annutes to complete, includir ments on the amount of the ademark Office, U.S. Dep SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, number.	



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

70 ·	PPLICATION NO.	1 .		FIRST VALUED DUITNIMOD	A TOTAL DA CALLETT NO.	CONTRION COMPONENTS	
÷ΓΑ	PPLICATION NO.		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
iy N	10/709,728		05/25/2004	Hsiao-An Hsich	81096756 / FMC 1671 PUS	3727	
in and a second	28395	7590	11/14/2007		EXAM	INER	
E	ROOKS KUS	SHMAN	P.C./FGTL		NORMAN, MARC E		
-	000 TOWN CE	ENTER			ART UNIT	PAPER NUMBER	
22ND FLOOR SOUTHFIELD, MI 48075-1238			3744				
			3-1236		DATE MAILED: 11/14/2007		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 499 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 499 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.